

Citizen's Forum, USIBWC

Lower Rio Grande, April 4, 2007



Morillo Drain Improvement Works

MORILLO PUMP STATION



PUMP INLET BAY



PUMP HOUSE INTERIOR



MORILLO DRAIN PIPE PROJECT

- Approximately 300 meters (about 1,000 feet) of Drain to be enclosed in pipe
- Pipe to be plastic, fiberglass reinforced, 1.83 meters (6.0 ft) in diameter, 12 meter sections
- Low roughness for efficient flow, Manning $n=.009$
- Reach is adjacent to Anzalduas Dam, high bank area subject to erosion and sloughing
- Project will greatly reduce future maintenance requirements in the reach

PIPE-MANUFACTURER FLOWTITE



Location Map



Photo of Channel –1



Photo of Channel -2



Photo of Channel -3



Cost/Work Share

- US to provide \$615,000 for materials, installation and construction
- Mexico to provide design, contracting, acquisition, administration, and installation of pipe

Schedule

BIDDING AND EXECUTION SCHEDULE FOR MORILLO DRAIN PIPE PROJECT FOR 2007

ACTIVITY	DATE	FEB	MAR	APR	MAY	JUN	JUL	AUG
Delivery of criteria to bid on the works	Feb 2 - Mar 2							
Site visit	Mar 7; 9:00 a.m.							
Meeting to answer questions	Mar 7; 2:00 p.m.							
Submission [deadline] & opening of financial and technical proposals	Mar 23; 11:00 a.m.							
Bid decision	Mar 26; 11:30 a.m.							
Award announcement	27-Mar							
Sign contract	28-Mar							
Delivery of advance payment and execution bonds (Company)	2-Apr							
Advance payment to the company (30% of the cost of the works)	2-Apr							
Work commences (timeframe: 89 calendar days)	2-Apr							
Order pipe (pipe will be made upon request)	3-Apr							
Delivery of pipe (45 days after the order date)	17-May							
Period in which water will need to be removed from the diversion drain	May 1 - 31							
Work schedule	April 2 - June 30							